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To:	Name:	Mr. Johnny Lam and Gerro McClellan
	Company:	
	Fax Number:	3366984381
	Voice Phone:	
From:	Name:	Michael Pham
	Voice Phone:	5712723924

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Fax Notes:

Attached are proposed claim amendments to improve clarity of the claims and to try to put the case into condition for allowance. Please let me know by close of business Thursday, October 29, 2009, whether an examiner's amendment may be done.

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Art Unit: 2167

Proposed Draft:

In the specifications:

Paragraph 0026:

One embodiment of the invention is implemented as a program product for use with a computer system such as, for example, the enterprise system 100 shown in FIG. 1 and described below.

The program(s) of the program product defines functions of the embodiments (including the methods described herein) and can be contained on a variety of signal-bearing computer-readable medium media. Illustrative signal-bearing media computer-readable mediums include, but are not limited to: (i) information permanently stored on non-writable storage media (e.g., read-only memory devices within a computer such as CD-ROM disks readable by a CD-ROM drive); (ii) alterable information stored on writable storage media (e.g., floppy disks within a diskette drive or hard-disk drive); or (iii) information conveyed to a computer by a communications medium, such as through a computer or telephone network, including wireless communications. The latter embodiment specifically includes information downloaded from the Internet and other networks. Such signal-bearing media, when carrying computer-readable instructions that direct the functions of the present invention, represent embodiments of the present invention.

In the claims:

9. (Currently Amended)

A method for managing annotations for multiple versions of documents, the method comprising:

selecting one or more annotation versioning policies dictating how annotations made for a current version of a document are carried forward by operation of one or more computer processors to a subsequent version of the document, wherein the subsequent version of the document includes one or more revisions to [[substantive]] contents of the current version of the document, and wherein carrying the annotations forward comprises:

storing [[or]]and updating, for the subsequent version of the document, an annotation record comprising:

(i) an annotation of the annotations made for the current version of the document;

(ii) an index that identifies positions of the annotations in the subsequent version of the document;

(iii) a change detection value for detecting revisions to: (A) the subsequent version of the document or (B) an annotated portion of the subsequent version of the document, corresponding to the annotation; and

(iv) a versioning policy attribute storing the selected annotation versioning policies dictating how annotations made for the current version of the document are carried forward to one or more subsequent versions of the document; and

allowing creators of annotations for the current version of the document to select one or more of the annotation versioning policies to dictate how the annotations are carried forward to subsequent versions of the document
receiving the current version of the document;

determining, by operation of one or more computer processors, whether the annotations in the current version of the document are to be carried forward to the subsequent version of the document; and
upon determining that the annotations are to be carried forward, carrying the annotations forward to the subsequent version of the document.

10. (Currently Amended)

The method of claim 9, wherein at least one of the annotation versioning policies dictates that annotations made for a current version of a document will not be carried forward to subsequent versions of the document.

11. (Currently Amended)

The method of claim 9, wherein the one or more annotation versioning policies selected are carried forward to [[the]]a document level[[,]] to all annotations created for a document.

12. (previously presented)

The method of claim 9, wherein at least one of the annotation versioning policies dictates that an annotation created for a current version of a document will be carried forward to subsequent versions of the document.

13. (previously presented)

The method of claim 9, wherein at least one of the annotation versioning policies dictates that an

authorized user must validate an annotation created for a current version of a document before the annotation is carried forward to subsequent versions of the document.

14-24. (Cancelled)

25. (Currently Amended)

A method for managing annotations for multiple versions of documents, the method comprising:

defining a set of available annotation policies, each dictating how an annotation created for a current version of a document are carried forward by operation of one or more computer processors to one or more subsequent versions of the document, wherein each subsequent version of the document includes one or more revisions to ~~[[substantive]]~~ contents of the current version of the document, and wherein carrying the annotation forward comprises:

storing ~~[[or]]~~and updating, for the subsequent version of the document, an annotation record comprising:

- (i) the annotation created for the current version of the document;
- (ii) an index that identifies positions of the annotations in the subsequent version of the document;
- (iii) a change detection value for detecting revisions to: (A) the subsequent version of the document or (B) a corresponding annotated portion of the subsequent version of the document; and

(iv) a versioning policy attribute storing the defined set of annotation policies dictating how annotations made for the current version of the document are carried forward to one or more subsequent versions of the document; and

providing an interface allowing a user to select one or more of the available annotation policies to be carried forward, by operation of the one or more computer processors, to the annotation;

receiving the current version of the document;

determining, by operation of one or more computer processors, whether the annotations in the current version of the document are to be carried forward to the subsequent version of the document; and

upon determining that the annotations are to be carried forward, carrying the annotations forward to the subsequent version of the document.

26. (original) The method of claim 25, wherein defining a set of available annotation policies comprises associating one or more annotation policies for use with annotations made for a certain type of document.

27. (currently amended) The method of claim 25, wherein the annotation policies provided to the user in the interface is determined[[,]] at least in part[[,]] on a credential of the user.

28. (currently amended) The method of claim 27, wherein the annotation policies provided to the user in the interface is determined[[,]] at least in part[[,]] on a type of document associated with

the annotation.

29. (Original) The method of claim 25, wherein defining a set of available annotation policies comprises defining the set of available annotation policies by an administrator, wherein the administrator and the user are different entities.

30. (Currently Amended) The method of claim 9, wherein at least one of the annotation versioning policies dictates that an annotation created for a current version of a document and carried forward to a subsequent version of the document includes a marker indicating that the annotation in the subsequent version of the document is ~~[[unvalidated]]~~unverified.

31. (Currently amended) The method of claim 30, wherein the marker is included in the annotation in the subsequent version of the document until an authorized user verifies ~~[[validates]]~~ the annotation created for the current version of the document.

32. (Currently Amended)

A computer-readable storage medium containing a program which, when executed by a processor, performs an operation for managing annotations for multiple versions of documents, the operation comprising:

defining a set of available annotation policies, each dictating how an annotation created for a current version of a document are carried forward by operation of one or more computer processors to one or more subsequent versions of the document, wherein each subsequent

version of the document includes one or more revisions to ~~[[substantive]]~~ contents of the current version of the document, and wherein carrying the annotation forward comprises:

storing ~~[[or]]~~and updating, for the subsequent version of the document, an annotation record comprising:

(i) the annotation created for the current version of the document;

(ii) an index that identifies positions of the annotations in the subsequent version of the document;

(iii) a change detection value for detecting revisions to: (A) the subsequent version of the document or (B) a corresponding annotated portion of the subsequent version of the document; and

(iv) a versioning policy attribute storing the selected annotation versioning policies dictating how annotations made for the current version of the document are carried forward to one or more subsequent versions of the document; and providing an interface allowing a user to select one or more of the available annotation policies to be carried forward by operation of the one or more computer processors to the annotation;

receiving the current version of the document;

determining, by operation of one or more computer processors, whether the annotations in the current version of the document are to be carried forward to the subsequent version of the document; and

upon determining that the annotations are to be carried forward, carrying the annotations forward to the subsequent version of the document.

33. (Currently amended) The computer-readable storage medium of claim 32, wherein defining a set of available annotation policies comprises associating one or more annotation policies for use with annotations made for a certain type of document.

34. (Currently amended) The computer-readable storage medium of claim 32, wherein the annotation policies provided to the user in the interface is determined[[,]] at least in part[[,]] on a credential of the user.

35. (Currently amended) The computer-readable storage medium of claim 34, wherein the annotation policies provided to the user in the interface is determined[[,]] at least in part[[,]] on a type of document associated with the annotation.

36. (Previously Presented) The computer readable storage medium of claim 32, wherein the set of available annotation policies is defined based on user input from an administrator, wherein the administrator and the user are different entities.

37. (Currently Amended)

A system, comprising:

a computer processor; and

a memory containing a program, which when executed by the computer processor is configured to perform an operation for compensating for managing annotations for multiple versions of documents, the operation comprising:

defining a set of available annotation policies, each dictating how an annotation created for a current version of a document are carried forward to one or more subsequent versions of the document, wherein each subsequent version of the document includes one or more revisions to [[substantive]] contents of the current version of the document, and wherein carrying the annotation forward comprises:

storing [[or]]and updating, for the subsequent version of the document, an annotation record comprising:

- (i) the annotation created for the current version of the document;
 - (ii) an index that identifies positions of the annotations in the subsequent version of the document;
 - (iii) a change detection value for detecting revisions to: (A) the subsequent version of the document or (B) a corresponding annotated portion of the subsequent version of the document; and
 - (iv) a versioning policy attribute storing the defined set of annotation policies dictating how annotations made for the current version of the document are carried forward to one or more subsequent versions of the document; and
- providing an interface allowing a user to select one or more of the available annotation policies to be carried forward to the annotations of the subsequent versions of the document;
- receiving the current version of the document;

determining, by operation of one or more computer processors, whether the annotations in the current version of the document are to be carried forward to the subsequent version of the document; and

upon determining that the annotations are to be carried forward, carrying the annotations forward to the subsequent version of the document.

38. (Previously Presented) The system of claim 37, wherein defining a set of available annotation policies comprises associating one or more annotation policies for use with annotations made for a certain type of document.

39. (Previously Presented) The system of claim 37, wherein the annotation policies provided to the user in the interface is determined[[,]] at least in part[[,]] on a credential of the user.

40. (Previously Presented) The system of claim 39, wherein the annotation policies provided to the user in the interface is determined[[,]] at least in part[[,]] on a type of document associated with the annotation.

41. (Previously Presented) The system of claim 37, wherein the set of available annotation policies is defined based on user input from an administrator, wherein the administrator and the user are different entities.